

URBAN DISTRICT COUNCIL OF CROMPTON.

ANNUAL REPORT

— OF THE —

MEDICAL OFFICER OF HEALTH

As to the Health and Sanitary
Condition of the Urban District
of Crompton for the year 1909.

AREA OF DISTRICT 2,865 ACRES.
POPULATION (1901 CENSUS) 13,427
POPULATION (ESTIMATED AT MIDDLE OF 1909) ... 15,000

DEATH RATE.

GENERAL (CORRECTED) ... 14.5 PER 1,000 POPULATION.
ESTIMATED AT MIDDLE OF 1909.

INFANTS (UNDER 1 YEAR OF AGE). 114.8 PER 1,000 BIRTHS REGISTERED.

WM. BROOKE, M.A., M.D.,

Medical Officer of Health.

TOWN HALL, SHAW.

9th February, 1910.

ANNUAL REPORT

FOR THE

URBAN SANITARY DISTRICT OF CROMPTON

FOR THE YEAR ENDING 31ST DECEMBER, 1909.

TO THE CHAIRMAN AND MEMBERS OF THE CROMPTON URBAN DISTRICT COUNCIL.

GENTLEMEN,

I beg to present for your consideration my annual report for the year ending December 31st, 1909.

The vital statistics are calculated on a mean population of 15,000. The estimated population I have reason to believe will not differ much from the actual one.

The births numbered 303; of these 163 were males and 140 females. This will give an annual birthrate of 20 (nearly) per each 1,000 of the mean population.

The deaths registered within the district numbered 190; of these 88 were males and 102 females. This gives an annual death rate of 12·7 per each 1,000 of the mean population.

The deaths of 28 residents were ascertained as having occurred outside the district. Of these 17 were males and 11 females. This gives a corrected death rate of 14·5 per each 1,000 of the mean population.

The deaths of children under one year within the district numbered 34. This gives an annual death rate of 112·2 per each 1,000 born during the year.

One death of a child under one year occurred outside the district, thus giving a corrected infantile death rate of 114·8 per each 1,000 born.

The adoption of the Births Notification Act by the District Council entailed, as its logical consequence, the appointment of a female assistant Sanitary Inspector, in order that its enactments might be of any practical value. This assistant inspector appointed has been at work throughout the year, and independent of her special duties has been of considerable service in detecting a good many sanitary defects that otherwise would have escaped notice. Although it could not be concluded that our lower infantile death rate for the year 1909 was a direct consequence of her work, it is only reasonable to assume that much good was effected and that a permanent reduction of our infant mortality may be

attained. I give you in a tabular form the infant mortality of the district for the last ten years, as it is only by comparison of past and future years that a correct judgment on the subject can be formed. :—

INFANT MORTALITY OF THE DISTRICT OF CROMPTON FROM 1900 TO 1909 (INCLUSIVE).

1900	.....	230	per each 1,000 born.
1901	.....	118·6	„ „
1902	.....	189·8	„ „
1903	.....	169·9	„ „
1904	.....	183·2	„ „
1905	.....	111·1	„ „
1906	.....	141·4	„ „
1907	.....	121·6	„ „
1908	.....	151·8	„ „
1909	.....	114·8	„ „

I also give a brief abstract of the work done by the Inspector throughout the year. The Assistant Sanitary Inspector paid 452 visits in connection with the Births Notification Act.

INSPECTOR'S NOTES ON VISITS.

The condition of the children was classified as follows :—Healthy, 392 ; fair, 5 ; frail, 6 ; small, 16 ; stillborn, 13 ; premature, 14.

METHODS OF FEEDING.

FIRST VISIT.—Breast fed, 243 ; otherwise fed, 44.

SUBSEQUENT VISIT.—Breast fed, 44 ; otherwise fed, 72.

Any sanitary irregularities observed were reported to the Sanitary Inspector and dealt with in the usual manner.

The illegitimate births numbered 7, of which 5 were males and 2 females.

Phthisis caused 17 deaths, of which 13 occurred within and 4 outside the district. This will give an annual death rate of 1·1 (nearly) per each 1,000 of the estimated population.

The following table gives the infectious diseases reported throughout the year and their mortality : —

<i>Disease.</i>	<i>Number of Cases.</i>	<i>Numbered Deaths.</i>
Diphtheria	11.....	4
Erysipelas.....	12.....	1
Scarlet fever.....	101.....	2
Enteric fever	3.....	—
Puerperal fever.....	1.....	1
	—	—
Total	128	8
	—	—

This table includes deaths within and without the district.

ZYMOTIC DEATH RATE.

The 7 principal zymotic diseases caused 22 deaths—viz.: Measles, 10; Scarlet Fever, 2; Diphtheria, 4; Diarrhœa, 6. This will give a zymotic death rate of 1.5 (nearly) per each 1,000 of the estimated population.

I give you in tabular form the ages at which deaths occurred in the district during the year and their principal causes:—

AGES AT WHICH DEATH OCCURRED.

Under 1 year.....	34
Over 1 year and under 5 years.....	26
Over 5 years and under 15 years.....	10
Over 15 years and under 25 years.....	7
Over 25 years and under 65 years.....	64
65 years and upwards.....	49
	—
Total at all ages.....	190
	—

PRINCIPAL CAUSES OF MORTALITY.

<i>Name of Disease.</i>	<i>Number of Deaths.</i>
Measles	10
Diphtheria	3
Puerperal Fever	1
Other Septic Diseases.....	1
Diarrhœa	6
Influenza	2
Phthisis.....	13
Other Tubercular Diseases.....	2
Cancer	12
Bronchitis.....	29
Pneumonia	17
Other Respiratory Diseases	3
Alcoholism	1
Premature Birth	10
Diseases of the Heart.....	14
Accidents	3
Suicides.....	1
Other Causes	62
	—
Total from all causes.....	190
	—

Annexed to this Report is the statistical information in the form required by the Local Government Board.

ACTION TAKEN THROUGHOUT THE YEAR TO PREVENT THE SPREAD OF DISEASE.

The methods adopted to limit the spread of disease do not alter much from year to year. Their recapitulation, however, is necessary in consequence of change amongst the inhabitants and in their representatives on the Council. In addition to the periodic systematic inspections, special inspections are made in connection with outbreaks of infectious diseases. The infected houses are visited and investigations made as to their sanitary conditions and that of the locality. Inquiries are made as to the water supply and milk supply, and every effort made to ascertain the origin of the outbreak. It is then determined whether it is possible to isolate the patients properly in their homes; if not, hospital accommodation is provided by the District Council—indeed, I am not aware that the Council, when requested, have ever refused to provide hospital accommodation for any infectious case. In cases treated at home disinfectants are supplied free of charge, and are used as directed by the medical attendant. On receipt of information from the medical attendant that the case is fit, the houses are fumigated with sulphur and formalin, and the walls sprayed with a disinfecting solution. Bedding and clothing are disinfected in the steam disinfector at the Town Hall.

I give you particulars of the practical work done throughout the year in connection with outbreaks of infectious diseases:—

Visits made to infected houses	317
Schools fumigated by Sanitary Staff.....	4
Houses fumigated by Sanitary Staff.....	106
Notices to Schools <i>re</i> infectious cases.....	99

The following cases were sent to Westhulme Isolation Hospital:—

Scarlet Fever	26 cases.
Erysipelas	1 case.
Diphtheria	3 cases.

The mortality from this group of cases was:—Scarlet Fever, 2; Erysipelas, 1; Diphtheria, 1.

SCARLET FEVER.

The disease was prevalent throughout the year, and was not confined to any particular locality.

DISTRIBUTION OF SCARLET FEVER CASES AS TO THE TIME OF THEIR OCCURRENCE.

January	19 cases.	July.....	4 cases.
February ...	24 cases.	August	1 case.
March	22 cases.	September ..	2 cases.
April	10 cases.	October	0 cases.
May	6 cases.	November ..	4 cases.
June	3 cases.	December ..	6 cases.

The 101 reported cases occurred in 68 houses, and there were a good many extensions of the disease. I give the dates and places of their occurrence :—

January 3rd.....	40,	Goats	1 case.
February 21st	40,	Goats	1 case.
January 13th	17,	Hill Street	2 cases.
January 16th	17,	Hill Street	1 case.
January 19th	61,	Brunswick Street....	2 cases.
January 21st	1,	Thomas Street	3 cases.
January 24th	6,	Crofts.....	1 case.
February 3rd	42,	Alfred Street	1 case.
February 21st	42,	Alfred Street	1 case.
April 9th	42,	Alfred Street	1 case.
April 17th	42,	Alfred Street	1 case.
February 17th	11,	Clough	1 case.
September 27th	11,	Clough	1 case.
February 17th	19,	Moss Hey	2 cases.
February 18th	19,	Moss Hey	2 cases.
February 20th	19,	Moss Hey	1 case.
February 17th	9,	Gordon Street	2 cases.
February 25th	202,	Milnrow Road	2 cases.
March 1st.....	13,	Greenfield Lane	1 case.
March 10th	13,	Greenfield Lane	1 case.
March 8th.....	68,	Market Street	1 case.
July 12th	68,	Market Street	3 cases.
May 20th	29,	Fir Lane	4 cases.
May 22nd.....	29,	Fir Lane	1 case.
March 8th	163,	Rochdale Road	1 case.
May 25th	163,	Rochdale Road	1 case.
April 12th	112,	Fraser Street	1 case.
July 21st	112,	Fraser Street	1 case.
April 17th	267,	Buckstones Road ..	3 cases.
March 21st	10,	Brunswick Street....	1 case.
May 5th	10,	Brunswick Street	1 case.
May 15th	281,	Rochdale Road.....	1 case.
May 20th	281,	Rochdale Road	1 case.
May 23rd	6,	Fraser Street.....	1 case.
June 12th	6,	Fraser Street.....	1 case.
November 29th	2,	Linney Lane	2 cases.
December 3rd	1,	Sutcliffe Street	1 case.
December 6th	1,	Sutcliffe Street	1 case.
December 4th	25,	Cowlishaw.....	1 case.
December 13th	25,	Cowlishaw	1 case.

On careful consideration it will be seen that there were very few real return cases, so it may be inferred that the isolation of the patients was fairly well carried out. It is useless, however, to expect that in ordinary cottage houses the rigid isolation of an

hospital can be maintained, and there is always some risk of those in charge of the sick being a source of contagion. It was thought necessary on February 24th to close East Crompton Schools (mixed and infants) for $2\frac{1}{2}$ weeks, as at that time they were the principal focus of the disease.

DIPHTHERIA.

There were 11 cases reported, causing 4 deaths, 3 within and 1 outside the district. I give in a tabular form the particulars of the outbreaks. :—

<i>Date.</i>	<i>Age.</i>	<i>Locality.</i>	<i>No. of Cases.</i>
February 4th	..15 years	.... 7, Travis Street	.....1
February 4th	..19 years	....28, Duckworth Street	....1
February 15th	..13 years	.... 9, Gordon Street	.....1
February 20th	..14 months	.. 7, Margaret Street	.....1
March 1st	.... 6 years	....12, Edmund Street	.....1
June 20th	..... 4 years	.... 5, Whitehead Street	....1
July 5th	..... 5 months	.. 5, Whitehead Street	....1
August 22nd	.... 5 years	....13, Clough	.....1
September 3rd	.. 3 years	....13, Clough	.....1
September 20th	16 months	..13, Clough	.....1
December 16th	.. 3 years	.... 7, Society Street	.....1

The drainage at 13, Clough was not satisfactory, and was rectified by the owner after notice from the Council. No defects were found at the other premises.

Three cases were sent to Westhulme Isolation Hospital. The other cases were treated at their homes in the usual way adopted in such cases. Anti-diphtheric serum was supplied free by the Council to those medical practitioners who desired to use it.

MEASLES.

This complaint caused 10 deaths ; the disease became epidemic in the months of February and March. It was considered necessary to close two schools in consequence—viz., High Crompton School and Shaw Wesleyan School. Personally, I have not much faith in school closure in congested districts, but as no other means have yet been discovered to limit the spread of this complaint, it is perhaps wiser to follow the routine course.

ENTERIC FEVER.

Three cases occurred through the year. There was no fatal case. —

The following table gives the particulars of the outbreak :

<i>Date.</i>	<i>Age.</i>	<i>Locality.</i>	<i>Cases.</i>
April 8th	31 years	13, Duckworth Street . . .	1
September 15th	4 years	11, Woodend	1
October 12th	7 years	81, Oak Street	1

The drainage at 11, Woodend was found to be defective, and notice was sent to the owner.

The cases were treated at their homes. Special cans are provided by the Council for the reception of the disinfected excreta. No extensions took place.

INSPECTION OF THE DISTRICT.

I made the usual periodic inspections of the district throughout the year. I also made several visits to various places in company with the Sanitary Inspector to investigate alleged nuisances. We found a good many irregularities which required attention. I give the outcome of our combined work.

PARTICULARS OF WORK DONE IN COMPLIANCE WITH NOTICES.

New drains provided to houses	56
Drains cleansed and repaired	11
Trapped slop-water and surface-water gullies provided	76
New lead slop pipes provided	6
Lead slop pipes repaired	10
Rain pipes repaired	6
New pail closets provided	10
Closets repaired	2
Closets cleaned and limewashed	2
Waste water closets provided	2
New cisterns to water closets provided	2
Cesspools converted to pail closets	2
Cesspools converted to waste water closets	3
Cesspools converted to water closets	2
Closet tippers repaired	8
Waste water closets repaired	2
New sanitary pails provided	81
Ashpits abolished	41
Ashbins provided	199
Houses cleansed	3
Houses overcrowded (rectified)	4
Houses ventilation improved	1
Yard surfaces improved	2
New urinal provided	1
Nuisance from rain pipe	1
Nuisances from manure heap	4
Nuisance from keeping poultry	1
Nuisance from stable	1

In order to effect the improvements enumerated it was found necessary to issue :

Preliminary and other notices	165
Statutory notices.....	66
Letters	20

STATEMENT AS TO HOUSES AND SANITARY ACCOMMODATION IN THE DISTRICT.

No. of houses	3,387
No. of factories, lock-up shops, etc.	167
No. of houses without back doors	235
No. of houses back to back.....	159
No. of pail closets.....	2,605
No. of water closets.....	418
No. of waste water closets	169
No. of cesspools	41
No. of open ashpits	482
No. of covered ashpits.....	146
No. of ashbins	1,458

COMMON LODGING HOUSES.

There are 2 registered common lodging houses in the district providing accommodation for 71 men. These have been frequently visited. No breaches of the bye-laws in respect to them have been notified during the year.

SLAUGHTER HOUSES.

There are 8 registered slaughter houses, one licence having been allowed to lapse during the year. The premises are well conducted and kept clean, 136 inspections having been made.

DAIRIES AND COWSHEDS.

There are 54 dairies and cowsheds which have been periodically inspected. There have been considerable improvements effected during the year, but some work yet remains to be done.

The following work has been effected—viz. :

New shippons erected	2
New dairy erected	1
Lighting, drainage, and ventilation improved	3
Drain openings removed to outside of cowsheds	8
Drain cleaned	1
Cowsheds limewashed.....	2

VAN DWELLERS.

The vans occupied by travelling showmen and hawkers were inspected during the wakes holiday, and at other times when necessary.

Sanitary conveniences for their use and pails for refuse were provided by the Council.

FACTORIES, WORKSHOPS, AND BAKEHOUSES.

FACTORIES.

There are 56 premises which come under this designation—viz. :

Cotton Spinners and Weavers	30
Tinplate Workers	2
Brickworks	2
Fustian Cutting	1
Ironfounders	2
Machinists	3
Joiners	3
Rope Walks	2
Wheelwrights	2
Collieries	1
Quarries	2
Laundries	2
Printers	2
Shoemakers	1
Bakers	1

Ten notices have been sent during the year—viz. : 9 respecting female closets being without doors and 1 respecting defective closet. The notices were sent out at the end of the year, and all have not yet been complied with.

WORKSHOPS.

There are 56 workshops—viz. :

Dressmakers	10
Milliners and Dressmakers	2
Underclothing	1
Milliners	4
Tailors	5
Shoemakers	5
Cloggers	9
Cloggers and Shoemakers	3
Joiners	4
Saddlers	1
Watchmakers and Jewellers	2
Brushmakers	1
Hosiers	1
Tinplate Workers	1
Skipmakers	2
Cycle Repairers	2
Shoeing Forges	3

These are mostly small works employing a few hands only. They are periodically inspected, and are found clean and limewashed as required by the Acts and bye-laws. The following notices were required during the year—viz. :

Defective closet	1
Defective roof	1
Limewashing required	1

BAKEHOUSES.

There are 22 bakehouses on the registers. They are regularly inspected and no action has been necessary with regard to them.

SMOKE OBSERVATIONS.

There were 49 smoke observations, each of one halfhour duration, taken during the year, with the following results—viz. :

No black smoke	18
Under two minutes black smoke	18
Two minutes and under four minutes	6
Four minutes and over	7

Four legal notices were served during the year on account of excessive emissions of black smoke, and for a second offence the Fern Spinning Co. Ltd. were summoned before the magistrates, who made an order for the abatement of the nuisance with costs against the firm.

SANITARY CONDITION OF THE DISTRICT AT THE END OF THE YEAR 1909.

I am pleased to be able to report that some sanitary improvements have been effected in the sanitary condition of the district during the past year. About 50 new houses have been erected, which have to some extent relieved the inconvenience arising from insufficiency of houses caused by the great expansion of the cotton trade during recent years. A number of road improvements have also been carried out during the year, including the paving of the road over Jubilee Bridge and the flagging of the footpath at Shawside.

The house drains in the Cowlshaw District have been connected up to the main sewer, and there have been several lengths of sewers constructed in the developing parts of the district.

A plot of land at Shawside was presented to the Council for playground purposes, and borrowing powers have been applied for to lay out the land.

A plot of land at Linney Lane as a site for a refuse destructor, and for other public purposes, has also been acquired during the year.

The scheme for a large extension of the New Hey Sewage Works is now before the Local Government Board for consideration, and it is expected that during the year 1910 the construction of the works will be substantially commenced.

The Council have also under consideration a scheme for the sewerage of High Crompton, Fir Lane, and other outlying parts of the district, and the consent of the Local Government Board will shortly be applied for.

I remain, Gentlemen,

Your obedient Servant,

W. BROOKE, M.D.,

M.O.H. Crompton.

Shaw, 9th February, 1910.

TABLE A.
VITAL STATISTICS OF WHOLE DISTRICT DURING 1909
AND PREVIOUS YEARS.

YEAR.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public In- stitutions in the District.	Deaths of Non-residents registered in Public In- stitutions in the District.	Deaths of Residents reg- istered in Public Institutions beyond the District.	Nett Deaths at all ages.	
		Number	Rate	Under one year of age.		At all Ages.					Number.	Rate
				Number.	Rate per 1,000 Births registered.	Number.	Rate					
I	2	3	4	5	6	7	8	9	10	11	12	13
1899	14000	335	24	54	161.2	229	16.4	..	..	..	..	..
1900	15000	347	23.1	80	230	297	19.8	..	..	..	..	..
1901	13500	354	26.4	42	118.6	204	15.2	..	..	23	227	17
1902	13500	374	27.7	71	189.8	226	16.7	..	..	27	253	18.7
1903	13500	306	22.6	52	169.9	202	14.9	..	..	23	225	16.6
1904	13500	311	23	57	183.2	220	16.2	..	..	22	242	17.9
1905	13500	306	22.7	34	111.1	174	13	..	..	10	184	13.6
1906	13500	311	23	44	141.4	197	14.6	..	..	20	217	16
1907	14200	296	20.9	36	121.6	204	14.4	..	..	21	225	15.8
1908	14200	336	23.6	51	151.8	203	14.3	..	..	22	225	15.8
Averages for Years 1899-1908	13840	327.6	23.7	52.1	157.8	215.6	15.5	..	..	..	..	..
1909	15000	303	20	34	112.2	190	12.7	..	..	28	218	14.5

Area of District in acres (exclusive of area covered by water), 2,865.

Total population at all ages, 13,427; Number of inhabited houses, 2,976; Average number of persons per house, 4.5. At Census of 1901.

I.	II.	III.
Institutions within the District receiving sick and infirm persons from outside the District.	Institutions outside the District receiving sick and infirm persons from the District.	Other Institutions, the deaths in which have been distributed among the several localities in the District.
NIL	<p>Oldham Infirmary</p> <p>Union Workhouse, Oldham</p> <p>Isolation Hospital Westhulme, Oldham</p> <p>Chadderton, Royton and Crompton Joint Isolation Hospital, Cinder Hill</p>	

Is the Union Workhouse within the District? No.

TABLE B.
CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1909.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.								Total cases removed to Hospital.
	At all Ages.	At Ages—Years.							
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upw'ds		
Small-pox .. ..	..	..	..	..	..	..	..	..
Cholera .. .. .	..	..	..	..	..	..	..	..
Diphtheria (including Membranous croup)	11	1	6	2	2	..	..	3
Erysipelas . . .	12	..	..	..	2	8	2	1
Scarlet fever	101	1	41	48	10	1	..	26	
Typhus fever .. ..	..	..	..	..	..	..	..	..
Enteric fever	3	..	1	1	..	1	..	..
Relapsing fever ..	..	..	..	..	..	..	..	..
Continued fever ..	..	..	..	..	..	..	..	..
Puerperal fever ..	1	..	..	..	1	..	..	..
Plague .. .. .	..	..	..	..	..	..	..	..
Totals	128	2	48	51	15	10	2	30	

Isolation Hospital, Name and Situation—Chadderton, Royton, and Crompton Joint Hospital for Small-pox only. Total available beds, 24. Number of Diseases that can be concurrently treated, 1. Other infectious cases sent to Oldham Corporation Hospital, West-hulme, by arrangement. About 150 beds.

TABLE C.

CAUSES OF, AND AGES AT, DEATH DURING YEAR 1909.

CAUSES OF DEATH.	Deaths at the subjoined ages of " Residents " whether occurring in or beyond the District.						
	All ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and up-wards
I	2	3	4	5	6	7	8
Small-pox .. .. .	..	..	..	..	..	..	..
Measles	10	2	8	..	..	..	..
Scarlet fever	2	..	2	..	..	..	..
Whooping-cough .. .. .	..	..	..	..	..	..	..
Diphtheria (including Membranous croup) ..	4	..	3	1	..	..	..
Croup .. .. .	..	..	..	..	..	..	..
Fever—							
Typhus .. .. .	..	..	..	..	..	..	..
Enteric .. .. .	..	..	..	..	..	..	..
Other continued .. .. .	..	..	..	..	..	..	..
Epidemic influenza	2	..	..	..	..	2	..
Cholera .. .. .	..	..	..	..	..	..	..
Plague .. .. .	..	..	..	..	..	..	..
Diarrhœa	6	3	1	1	..	..	1
Enteritis	1	..	..	..	..	1	..
Gastritis .. .. .	..	..	..	..	..	..	..
Puerperal fever	1	..	..	..	..	1	..
Erysipelas	1	..	..	..	..	1	..
Phthisis (Pulmonary Tuberculosis)	17	..	..	1	4	10	2
Other tuberculous diseases	2	1	..	1	..	..	..
Cancer, malignant disease	13	..	..	..	..	11	2
Bronchitis	31	4	2	1	..	8	16
Pneumonia	19	3	6	1	..	5	4
Pleurisy .. .. .	..	..	..	..	..	..	..
Other diseases of Respiratory organs	3	..	..	..	..	1	2
Alcoholism	1	..	..	..	..	1	..
Cirrhosis of liver }							
Venereal diseases .. .. .	..	..	..	..	..	..	..
Premature birth	10	10	..	..	..	..	..
Diseases and accidents of parturition .. .. .	..	..	..	..	..	..	..
Heart diseases	15	1	..	1	1	7	5
Accidents	3	1	..	..	1	1	..
Suicides	1	..	..	..	..	1	..
All other causes	76	10	6	4	4	30	22
All causes	218	35	28	11	10	80	54

TABLE D.

INFANTILE MORTALITY DURING THE YEAR 1909.
DEATHS FROM STATED CAUSES IN WEEKS AND MONTHS
UNDER ONE YEAR OF AGE.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month.	1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under One Year
ALL CAUSES—																	
Certified	9	4	3	..	16	2	2	1	3	2	2	2	1	2	2	0	35
Uncertified .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Common Infectious Diseases																	
Small-pox .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chicken-pox .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles .. .. .	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	2
Scarlet Fever .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria (including Membranous Croup) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhœal Diseases—																	
Diarrhœa, all forms.. .. .	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1
Enteritis, Muco-enteritis, Gastro-enteritis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	2
Gastritis, Gastro-intestinal Catarrh .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wasting Diseases—																	
Premature Birth	5	3	1	..	..	1	..	..	..	..	..	..	..	..	..	..	10
Congenital Defects .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Injury at Birth .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Want of Breast-milk, Starvation .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Atrophy, Debility, Marasmus	2	1	1	..	..	..	..	..	2	1	..	1	..	..	..	..	8
Tuberculous Diseases—																	
Tuberculous Meningitis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tuberculous Peritonitis : Tabes Mesenterica .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases .. .. .	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Other Causes—																	
Erysipelas.. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Syphilis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rickets .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis (not Tuberculous) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Convulsions .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bronchitis.. .. .	..	..	..	..	..	1	1	..	..	..	1	..	..	..	1	..	4
Laryngitis.. .. .	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Pneumonia .. .. .	..	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..	3
Suffocation, overlying .. .. .	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Other Causes	2	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	3
	9	4	3	..	16	2	2	1	3	2	2	2	1	2	2	..	35

Population (estimated to middle of 1909), 15,000. Births in the year, legitimate, 296 ; illegitimate, 7. Deaths in the year of infants, 35. Deaths from all causes at all ages, 218.